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CORNELL UNIVERSITY
LIBRARY

(LIBRARIAN'S) REPORT

1912-13



CORNELL UNIVERSITY LIBRARY

LIBRARIAN'S REPORT

1912-1913

To the President of the University:

SIR: I have the honor to submit herewith my annual report on the University Library for the year ending June 30th, 1913.

The following table shows the additions made to the various more or less independent collections composing the University Library and the present extent of each:

	Volumes Added 1912-13	Present extent in	
		Volumes	Pamphlets
General Library	11,280	362,019	64,000
Law Library	1,627	44,797	
Flower Veterinary Library	169	4,139	
Barnes Reference Library	104	2,003	
Goldwin Smith Hall Library	82	1,940	
Stimson Hall Medical Library	49	1,309	
Agricultural College Library	552	6,198	
Forestry Library	7	1,165	
Totals	13,870	423,570	64,000

The President White Library, the Fiske special collections and the eight seminary collections are not separately enumerated in the table, being included in the statistics for the general library. Of the additions to the general library (numbering 11,280 volumes) 3,766 volumes were gifts. Of the accessions to the other collections named in the table the gifts number 463 volumes for the Law Library, 5 volumes for the Flower Library, 11 volumes for the Stimson Hall Library, 29 volumes for the Goldwin Smith Hall Library, and 32 volumes for the Agricultural College Library.

Among the noteworthy gifts of the year are the following: From Mr. Arnold Haultain, five boxes containing papers bequeathed to him by Goldwin Smith, comprising diaries, accounts, correspondence, albums of newspaper cuttings, and also Mr. Haultain's own card bibliography of Goldwin Smith's writings; from the Rev. W. E. Griffis, three small collections of books on Dutch Literature, English Nonconformity, and the Pilgrim fathers of New England, a welcome

addition to the resources of the Library; from D. N. Crouse, an illuminated Arabic manuscript of the Koran; from the University of Michigan, a facsimile of the Washington manuscript of the Four Gospels in the Freer Collection; from the Royal Society of London, the memorial volume issued for the 250th anniversary of the Society, containing facsimiles of the signatures of the Founders, Patrons, and Fellows of the Society from its foundation to the present time; from A. R. Reed, '92, the privately printed Journal of Dr. John Morgan of Philadelphia in 1764; from the National Library of Chile, 110 volumes of Chilean documents; from the Rev. J. J. Rankin, a set of the Minutes of the General Assembly of the Presbyterian Church in the United States from 1855 to 1902; from Mrs. L. B. Warner, the *Eclectic Magazine* from its beginning in 1841 to 1873, completing the Library set. Ex-President White and Professor J. M. Hart have continued to show their interest in the Library by many important gifts, and valuable contributions have also been received from C. W. Wason, '74, T. Stanton, '76, and L. Coville, '86. To yourself and to many members of the University staff the Library as usual is greatly indebted for frequent gifts. From the United States government and from many state and municipal governments the usual supply of federal, state, and municipal documents has been received, and the British, Canadian, and Australian Patent Offices continue to send regularly to the Library their valuable publications. These and the other gifts of the year have been duly acknowledged and a complete list of the donors is submitted as an appendix to this report.

In addition to the income from the Sage Book Fund, one-third of the free income from the Fiske Fund was, by resolution of the Trustees, this year made available for the purchase of books, periodicals and for binding. This welcome addition to the current book funds made it possible to purchase a considerable number of important works and serials asked for by various departments. Noteworthy among these are the following: a collection of English plays, formed by T. F. Dillon Croker, comprising about 1700 plays, chiefly of the period from 1850 to 1880; *Le Museon*; *Horae Semiticae*; *Studia Sinaitica*; *Giornale della Societa Asiatica Italiana*; *Archivio Storico Lombardo*; *Revue des Etudes Grecques*; *Le Moyen Age*; *Hessische Blätter für Volkskunde*; *Mittheilungen der Schlesischen Gesellschaft für Volkskunde*; *Kritische Vierteljahrsschrift für Gesetzgebung und Rechtswissenschaft*; the publications of the Canterbury and York Society, the Hampshire Record Society, the Somerset Record Society, the Worcestershire Historical Society, the William Salt Archaeological Society and the Yorkshire Archaeological Society; the Reports of the Commission on Municipal corporations in England and Wales; the Reports of the Jesup North Pacific Expedition; *Archiv für Zellforschung*; the *Ibis*; *Novitates Zoologicae*; *Internationale monatschrift für Anatomie und Physiologie*; Macquart's *Diptères exotiques*; *Festschrift für E. Haeckel*; *Festschrift für R. Hertwig*; Hooker's *Flora Antarctica*; Hagen's *Atlas Stellarium variabilium*; Kent's *Manual of the Infusoria*; Testut's *Traité d'Anatomie humaine*; *Handwörterbuch der sozialen Hygiene*; *Encyclopaedia of Accounting*; Foster's *English Factories in India 1618-41*; Zeiller's *Spalato*; Planat's *Le Style Louis XIV*; Uhde's *Baudenkämler in Grossbritannien*; Vitry's *Hotels et Maisons de la Renaissance française*; Allgemeines Lexikon der bildenden Künstler; Gout's *Le Mont-Saint-Michel*; Vallance's *Old Colleges of Oxford*; Early Records of the Town of Providence;

the Bostonian Society's publications; Paulding's works; *Bibliographica*; Haslewood's edition of the *Mirror for Magistrates*; the 1692 edition of Ben Jonson's *Works*; P. L. Roederer's *Oeuvres complètes*; the 1539 edition of Boccaccio's *De Claris Mulieribus*; the 1494 edition of Strabo *De Situ Orbis*; facsimiles of Cicero's *De Natura Deorum* (*codex Heinsianus*), and of Lucretius *De Rerum Natura* (*codex Vossianus*); a brief life of Petrarch, based upon the life by Rovillio, printed about 1600, on a folio sheet of vellum, from a 14th century manuscript, from which the writing has been erased, leaving traces partly legible; of this typographical curiosity only three copies seem to be known, one in the National Library, Paris, one in the British Museum, and this one in the Fiske Petrarch collection. During the year the following sets have been completed: *Proceedings of the Boston Society of Natural History*, *Gazette des Beaux Arts*, *Kongliga Svenska Vetenskaps Akademiens Handlingar*, *Revue de Philologie*, and progress has been made in completing several others.

Dr. A. C. White reports that the work of the accessions and classification department has gone on regularly during the year. Only two changes of importance have been made; the collection of annual laws of the principal continental European nations, previously shelved with *Law* has been re-marked to the division of Public Documents (D) in anticipation of its transfer to the new stacks now in process of erection; general periodicals, which were placed with the literature of their respective languages, have now been made a separate division (B), and will also be shelved in the new stacks.

From the catalogue department Miss Thornburg reports that the number of volumes, pamphlets, and maps catalogued for the general card catalogue during the year was 13,891; for these 16,572 cards were written and 2,407 printed cards were obtained from the Library of Congress, making a total of 18,979 cards added to the catalogue. In September Miss C. A. Van Natten resigned her position as cataloguer to accept an appointment in the New York Public Library, and in her place Miss Elizabeth Van Denburgh (A.B. '11) was appointed.

Miss Fowler, the curator of the Dante and Petrarch collections, reports that, besides caring for the regular accessions, the revision of Mr. Fiske's card catalogue of the Petrarch collection, in preparation for printing it, has been carried on steadily throughout the year and the work is now well advanced.

Mr. Hermannsson, the curator of the Icelandic collection reports that the revised catalogue of the collection is now passing through the press, and that he has read the page proofs of 476 pages. He has also prepared, as volume six of *Islandica*, a list of living Icelandic authors, giving brief biographical sketches and lists of their writings. This is also in the hands of the printer and will be issued in July.

Professor Burr, the Librarian of the President White Historical Library, makes the following report:

Owing to my absence last year on sabbatical leave, no report has been made to you from the President White Library since two years ago. During the interval the growth of the library has been steady. The income of the *Warfare of Science*, which in 1911 amounted to \$307, was in 1912, \$248, and has been used mainly, as hitherto, to build up the collections in which the library is eminent; and this fund has been supplemented by many fresh gifts from Ex-President White. The appreciative words of the young scholar who has lately given the world the first careful book on the history of witchcraft in England, and who in it, after

thankng the great public and academic libraries in which he made research in England and America, acknowledges his deeper obligation to "the unrivalled White collection at Cornell," have quickened Mr. White's interest, I think, in this side of his library, and he has authorized me to become a bidder for the notable collection of a European jurist in this field, or, in case of our failure to secure it, to expend the same amount in other purchases on this subject.

One of our graduates who has since been a member of the Faculty of another University has this summer undertaken a study of our annotated volumes which once belonged to Leigh Hunt; and our discovery in connection with this that one of these works had strayed from the locked presses to the open shelves led us to a general verification of all the treasures received from Mr. White—the books from the libraries of Buckle, Macaulay, Gray, Southey, Lamb, Webster, Maximilian of Mexico, and other men of note. From Buckle's library we find that we possess no less than 217 volumes, nearly all annotated or marked by him, though a considerable number of Mr. White's purchases from this library remained to him as duplicates of books already possessed by the University. Though no harm seems to have come to these beside legitimate wear and the loss of a couple of bookplates, and though we do not find that any other of these treasures has been lost since they entered into the full possession of the University Library and were recorded in its shelf-lists, it has seemed wise to list them now more carefully, to restrict more closely their use, and to withdraw a larger number of them to the custody of the locked presses.

Mr. W. H. Austen, Assistant Librarian in charge of the reference and loan departments of the general library, in submitting the statistics of the recorded use of the books, reports as follows:

The removal of many books, not duplicates, from the general library to department collections has gone on as heretofore, and each year the increased number of such books limits the usefulness of the general library. Most of these department collections being closed before 9 a.m. and after 5 p.m. works hardship to those needing the books for use during these hours, as copies are not to be had in the general library. To obviate this the books so transferred should be limited to duplicates, or these collections should be open evenings. With the increased number of users of the library the problem of preventing, as much as possible, the inevitable conflict of use increases in difficulty. This conflict is seldom found between students and teachers, but rather between readers of these respective classes. Experience has shown that teachers rarely need books out in the hands of students, although students do frequently ask for books drawn out by instructors. The most serious problem for a long time was that of preventing one teacher from interfering with others, working in his own field or in a totally different one. This came from one man's having out at one time more books than he could constantly be in need of, and chiefly from his practice of retaining books long after they were no longer needed. This was particularly true in regard to bound periodicals. It is now several years since the rules of limiting books not in a teacher's own field of work to one month, and also of putting a time limitation on all periodical literature were put into practice. These two restrictions have served to recall to the library much material that was no longer needed, and in that way the subsequent demands for these books have been met when made without waiting to recall such books when asked for. At the present time volumes of bound periodicals are not charged to laboratory accounts, unless the set as a whole may properly be so dealt with, but are carried on personal accounts and the borrower reminded at the end of each month that the volume is wanted back in the library as soon as the present need is satisfied. This is also true of books apparently lying outside a borrower's own field of work, and in this way an attempt is made to limit the books out of the library to those in actual use. It might be possible to enforce more strictly the rule limiting the number of books any one borrower may have out at a given time, and thus prevent any one borrower from retaining more books, even in his own field, than he can be in need of.

The following table shows the recorded use of the books, representing, probably, about one-third of the actual use made of the books in the library:

REFERENCE AND DEPARTMENT USE	1911-12	1912-13
Volumes used in reading room.....	77,064	86,187
Volumes sent to seminary rooms.....	3,602	3,882
Volumes sent to departments.....	5,521	5,654
 HOME USE		
Volumes from general library.....	24,236	24,998
Volumes from open shelf circulating library.....	6,050	5,657
Lent to other libraries.....	274	196
Total recorded use.....	116,747	126,574

The registered users of the general library are as follows: University officers 461, students 621, special borrowers 10. During the year we have borrowed from other libraries 159 volumes and have lent to other libraries 196 volumes. The number of students who have registered and taken books for home use from the open shelf circulating collection was 829 and the number of officers 261. The number of readers who took advantage of the open shelf arrangement and used the books in the room, without taking them for home use, was 4,303. During the year 26 volumes were temporarily recalled from this collection for class use in the general library.

The recommendation made in my last report concerning the erection of book stacks in the lecture room was adopted by the Trustees, and a contract was made with the Art Metal Construction Company for the erection of a two-story stack, containing 9,194 feet of steel shelving, which is now being installed and will be ready to use before the end of the summer session. This will relieve the congestion in the present stacks and provide for the ordinary accessions of the next few years.

Mr. W. W. Ellis, curator of the shelves reports that the inventory of the shelves revealed 292 volumes on the wrong shelves as against 274 last year and 318 the year before. More than this number were also found misplaced numerically though on the right shelf. The number of books missing from the stacks this year is 523. In addition to the regular routine inspection of new books before sending them to the shelves, Mr. Ellis has prepared carefully detailed plans for the changes to be made in consequence of our occupation of the new stacks, in order that no unnecessary moving or confusion may take place when the book-moving begins. The changes planned involve the transfer of so many books from the west and south stacks, and the consequent re-arrangement of so large a portion of the library, that it will be necessary to employ some extra help in order to complete the work before the opening of the next term in September.

In the first term of the year Mr. Austen gave his regular course of lectures on the arrangement and use of books, and in the second term a course of practical exercises. In the second term the two-hour course in general bibliography was given by the Librarian. The annual record of publications by the University and its officers has been prepared by Miss Thornburg and the list of donors by Miss Leland and will accompany this report.

On the occasion of the centenary of the birth of Richard Wagner, an exhibition of works by and about the composer was prepared, with the assistance of Professor Pope, for the show cases in the White Historical Library. Here were displayed many portraits of Wagner and his friends, facsimiles of his autograph musical scores and letters, and a number of handsomely illustrated editions of his operas.

Notwithstanding the additional appropriation made this year for the purchase of books and periodicals, the library is still relatively no better able to meet the demands made upon it than it was twelve years ago. There are many subjects of importance for which no regular provision can be made from the present library funds. Here, as I have more than once pointed out, a great field is open to the Alumni, with numerous opportunities to help in building up the library by contributions, either of books, or of money for the purchase of books. Even small endowments of one or two thousand dollars, the income to be spent for the purchase of books in a given field or period, would gradually build up important collections, which would greatly enhance the value and usefulness of the library for scholarly work. Gifts of miscellaneous publications, especially of privately printed works and of local historical material, such as society and municipal reports and documents, are always welcome.

Respectfully submitted,

GEO. WM. HARRIS,
Librarian.

CORNELL UNIVERSITY

PUBLICATIONS, 1912-13 Under the Auspices of the University

Official publications of Cornell University. Vol. iii. no. A-C., no. 14-18; vol. iv. no. A-B, no. 1-12. Ithaca, 1912-13. 22 nos. 8°. Illus.
Contents:—iii. A. The dedication of Rand Hall, May 23, 1912.
iii. B. Directory, Cornell University, first term, 1912-13.
iii. C. Report of the Treasurer of Cornell University for the fiscal year ending August 1, 1912.
iii. 14. N. Y. State College of Agriculture: announcement, 1912-13.
iii. 15. N. Y. State College of Agriculture: announcement of winter courses, 1912-13.
iii. 16. General Circular of Information, 1912-13. New ed. Oct. 1, 1912.
iii. 17. N. Y. State College of Agriculture, announcement of the Department of Forestry, 1912-13.
iii. 18. Twentieth annual report of President Schurman, 1912-13.
iv. A. Directory, Cornell University, second term, 1912-13.
iv. B. Ezra Cornell; the first Goldwin Smith lecture, delivered on Founder's Day, January 11th, 1913, by James Morgan Hart.
iv. 1. General Circular of Information, 1913-14.
iv. 2. Announcement of the Sibley College of Mechanical Engineering and the Mechanic Arts, 1913-14.
iv. 3. Announcement of the Graduate School, 1913-14.
iv. 4. Announcement of courses for the training of teachers and supervisors of music in the 22d Summer Session, July 5 to August 15, 1913.
iv. 5. Announcement of the College of Civil Engineering, 1913-14.
iv. 6. Announcement of the N. Y. State Veterinary College, 1913-14.
iv. 7. Announcement of the 22d Summer Session, July 7-August 15, 1913.
iv. 8. Announcement of the 3rd Summer School in Agriculture, July 7-August 15, 1913.
iv. 9. Announcement of the College of Law, 1913-14.
iv. 10. Samples of entrance and scholarship examination papers, 1912.
iv. 11. Announcement of the College of Arts and Sciences, 1913-14.
iv. 12. Announcement of the College of Architecture, 1913-14.
Announcer of the College of Agriculture, published by the New York State College of Agriculture at Cornell University. Vol. ii. no. 1-9. Oct., 1912-June, 1913. Ithaca. 9 nos. f°.
Bulletin of the Cornell University Agricultural Experiment Station. No. 317-333, July, 1912-June, 1913. Ithaca, 17 nos. 8°. Illus.
Circular of the Cornell University Agricultural Experiment Station. no. 13-20 Oct. 1912-May, 1913. Ithaca. 8 nos. 8°.
The Cornell civil engineer, Vol. xxi. Oct., 1912-June, 1913. Ithaca. 8°. pp. iv. + 388 + (2). Illus.
The Cornell Countryman, Vol. x. Oct. 1912-June, 1913. Ithaca. 8°. pp. 296. Illus.
The Cornell reading-courses. Vol. i, no. 19-24; ii. no. 25-40. Oct., 1912-June, 1913. Ithaca. 18 nos. 8°. Illus.
Cornell rural school leaflet; A. G. McCloskey, editor. Vol. vi. Sept., 1912-March, 1913. Ithaca. 8°. pp. 350. Illus.
Cornell University medical bulletin. Vol. ii. no. 1-3. New York, 1912-1913 3 nos. 8°. Illus.
Contents:—ii. 1. Announcement of the Medical College, New York and Ithaca, 1912-1913.
ii. 2. Studies from the Department of Physiology.

ii. 3. Studies from the Department of Medicine, including therapeutics, applied pharmacology, and dermatology.

Cornell University weekly calendar. Vol. v. no. 1-35. Sept. 23, 1912-June 13, 1913. Ithaca. 35 nos. f°. Broadside.

The Cornell veterinarian. Vol. ii. no. 2—iii. no. 1. Jan.—June, 1913. 2 nos. 8°. Illus.

Islandica: an annual relating to Iceland and the Fiske Icelandic Collection in Cornell University Library, edited by G. W. Harris. Vol. vi. Ithaca, 1913. 8°. pp. xiv. + 69.

Contents:—vi. Icelandic authors of to-day, by H. Hermannsson.

Journal of physical chemistry; editor, W. D. Bancroft. Vol. xvi. no. 7-xvii. no. 6, Oct. 1912-June, 1913. Ithaca, 1913. 9 nos. 8°. Illus.

Issued monthly except in July, August, and September.

The philosophical review, edited by J. E. Creighton with the coöperation of J. Seth. Vol. xxi. no. 4-xxii. no. 3. July, 1912-May, 1913. 2m. New York. 6 nos. 8°.

The physical review, a journal of experimental and theoretical physics; conducted, with the coöperation of the American Physical Society, by E. L. Nichols, E. Merritt, and F. Bedell. Vol. xxxv., July-Dec., 1912. Lancaster, Pa., 1912. pp. iv + 494. 8°. Illus.

Publication transferred to the American Physical Society after 1912.

Publications of Cornell University Medical College: Studies from the Department of Anatomy. Vol. iii. New York, 1912-13. 8°. pp. var. Illus.

Report of the New York State Veterinary College for the year 1911-12, transmitted to the Legislature Jan. 27, 1913. Albany, 1913. 8°. pp. 182.

By Officers

In the present list are included the titles of books, pamphlets, and contributions to periodicals, transactions, etc., published by officers and fellows of the University during the period extending from July 1, 1911, to June 30, 1912, with some titles omitted in previous lists.

Adams, J. Q., jr. Every woman in her humor, and The dumb knight. (Mod. Philol., x (1913), 413.)

— Peter Hausted's The rivall friends, with some account of his other works. (Jour. of English and Germ. Philol., xi (1912), 433.)

— Some notes on Hamlet. (Mod. Lang. Notes, xxviii (1913), 39.)

— [Review of] How a man may choose a good wife from a bad, edited by A. E. H. Swaen. (Same, xxviii (1913), 107.)

— associate editor. Materialien zur Kunde des älteren englischen Dramas. Louvain, Belgium. 1912-1913.

Albee, E. [Reviews of] Founders of modern psychology, by G. S. Hall. (Philos. Rev., xxii (1913), 222.); Kant and his philosophical revolution, by R. M. Wenley. (Same, xxi (1912), 683.); The principle of individuality and value, by B. Bosanquet. (Same, xxii (1913), 308.); A short history of ethics, Greek and modern, by R. A. P. Rogers. (Same, xxi (1913), 701.)

Alexander, C. P. The American species of adelphomyia Bergroth (tipulidæ, dipt.). (Pomona Jour. of Entomol., iv (1912), 829.)

— A Bromeliad-inhabiting crane-fly (tipulidæ, dipt.). (Entomol. News, xxiii (1912), 415.)

— New nearctic tipulidæ (diptera). (Psyche, xix (1912), 163.)

— New neotropical antochini (tipulidæ, dipt.). (Same, xx (1913), 40.)

— New neotropical tipulinae (tipulidæ, dipt.). (Annals of the Entomol. Soc. of America, v (1912), 343.)

— A new species of dixa from Chili (dixidæ, dipt.). (Entomol. News, xxiv (1913), 176.)

— New species of furcomyia (tipulidæ). (Canadian Entomologist, xliv (1912), 333, 361.)

— A new tropical gonomyia (tipulidæ, dipt.). (Entomol. News, xxiii (1912), 418.)

— On the tropical American rhipidiæ (tipulidæ, dipt.). (Bull. of the Brooklyn Entomol. Soc., viii (1912), 6.)

— A revision of the genus brachypremna Osten Sacken (tipulidæ, dipt.), (Jour. of the N. Y. Entomol. Soc., xx (1912), 225.)

— A revision of the South American dipterous insects of the family ptychopteridæ. (Proc. of the U. S. National Museum, xliv (1913), 331.)

— A synopsis of part of the neotropical crane-flies of the sub-family limnobiinæ. (Same, xliv (1913), 481.)

— and M. D. Leonard. A new palæarctic geranomyia (tipulidæ, dipt.). (Canadian Entomologist, xliv (1912), 205.)

Allen, A. A. Bird boxes. (Cornell Rural School Leaflet, vi (1913), 209.)

— How the swallows learned to hunt. (Country Life in America, xxiii (1913), 43.)

— The peeper (*hyla Pickeringii*). (Cornell Rural School Leaflet, vi (1913), 337.)

— Phoebe vs. catbird, a study in adaptability. (Bird Lore, xiv, (1912) 269.)

— and H. H. Knight. The duck hawks of Taughannock gorge. (Same, xv (1913) 1.)

Anderson, R. P. A portable Pettersson-Palmqvist apparatus. (Jour. of the Amer. Chem. Soc., xxxv (1913), 162.)

Andrews, A. L. Notes on North American sphagnum. III-IV. (Bryologist, xv-xvi (1912-1913), 63, 70, 20.)

— Philological aspects of the "Plants of Wineland the Good." (Rhodora, xv (1913), 28.)

— Studies in the Fornaldarsogur Nordrlanda. I. The Hrómundar saga Gripssonar §6. (Mod. Philol., x (1913), 601.)

Atkinson, G. F. Gautieria in the eastern United States. (Botan. Gazette, liv (1912), 538.)

— Is the biennial habit of oenothera races constant in their native localities? (Science, xxxvii (1913), 716.)

— The perfect stage of the ascochyta on the hairy vetch. (Botan. Gazette, liv (1912), 537.)

[Papers from the laboratory of G. F. Atkinson.] The brown leaf spot of colt's foot, *tussilago farfara* L., by F. A. Wolf. (Annales Mycologici, x (1912), 65.); A disease of the cultivated fig, *ficus carica* L., by F. A. Wolf. (Same, ix (1911), 622.); Life history of some species of ascochyta, by R. E. Stone. (Same, x (1912), 565.); A new wood-destroying fungus, by A. Ames. (Botan. Gazette, lv (1913), 397.); The perfect stage of *actinonema rosae*, by F. A. Wolf. (Same, liv. (1913), 216.); Some fungous diseases of the prickly pear, *opuntia Lindheimeri* Engelm, by F. A. Wolf. (Annales Mycologici, x (1912), 114.); Spore formation in *podospora anserina* (Rabh.) Winter, by F. A. Wolf. (Same, x (1912), 60.); Studies in *pleurotus*, by C. D. Learn. (Same, x (1912), 542.); Studies in the development of *xylaria*, by H. B. Brown. (Same, xi (1913), 1.)

Austen, W. Rights of the users of a college and University library, and how to preserve them. (Public libraries, xviii (1913), 6.)

Bailey, E. J. Studies in English masterpieces, xxi-xxiv. Albany, N. Y., 1912. 4 nos. 32°.

— Outlines of English masterpieces; a series of ten articles. (Amer. Education, xvi (1912-1913).)

— [Review of] Browning and his century, by H. A. Clarke. (South Atlantic Quarterly, xii (1913), 175.)

Bailey, H. C. See Murlin, J. R., and H. C. Bailey.

Baldwin, W. M. Die Entwicklung der Fasern der Zonula Zinnii im Auge der weissen Maus nach der Geburt. (Archiv für mikroskopische Anatomie, lxxx (1912), 274.)

— Muscle fibres and muscle cells of the adult white mouse heart. (Anatomischer Anzeiger, xlvi (1912), 177.)

— The relation of muscle cell to muscle fibre in voluntary striped muscle. (Zeitschrift für allgemeine Physiologie, xiv (1913), 130.)

— The relation of muscle fibrillae to tendon fibrillae in voluntary striped muscles of vertebrates. (*Morphologisches Jahrbuch*, xlv (1913), 249.)

— The relation of the sarcolemma to the muscle cells of voluntary vertebrate striped muscle fibres and its morphological nature. (*Zeitschrift für allgemeine Physiologie*, xiv (1913), 146.)

Bancroft, W. D. The chemical action of light. (8th Internat. Congress of Applied Chem., xx (1912), 31.)

— Chemical production of light. (*Jour. of the Franklin Institute*, clxxv (1913), 129.)

— Chemiluminescence. (8th Internat. Congress of Applied Chem., xx (1912), 25.)

— The double spectrum of sodium chloride. (Same, xx (1912), 37.)

— The effect of bromide. (Same, xx (1912), 45.)

— The latent image. (Same, xx (1912), 51.)

— The permanency of paintings. (Same, xx (1912), 59.)

Also in the *Jour. of Physical Chem.*, xvi (1912), 529.

— The photochemical oxidation of benzene. (Same, xx (1912), 75.)

Also in the *Jour. of Physical Chem.*, xvi (1912), 556.

— The photographic plate IX. (*Jour. of Physical Chem.*, xvii (1913), 93.)

— The study of environment. (*Biochem. Bull.*, i (1912), 382.)

— The theory of emulsification. IV-V. (*Jour. of Physical Chem.*, xvi-xvii (1912-1913), 739, 501.)

— and **T. R. Briggs**. Blue gelatine-copper. (8th Internat. Congress of Applied Chem., xxii (1912), 7.)

Also in *Jour. of Industrial and Engineering Chem.*, v (1913), 9, and *Trans. of the Amer. Electrochem. Soc.*, xxii (1912), 287.

— and **M. A. Gordon**. The silver equivalent of hydroquinone. (Same, xx (1912), 101.)

— — The protective action of sulphite. (Same, xx (1912), 115.)

— and **J. M. Lohr**. The tensile strengths of the copper-zinc alloys. (Same, ii (1912), 9.)

— and others. Rapid testing of dyes and pigments, by W. D. Bancroft, A. S. Elsenbast and G. E. Grant. Same, xx (1912), 91.)

— — The second positive, by W. D. Bancroft, A. S. Elsenbast and G. E. Grant. (Same, xx (1912), 83.)

— — Study of a small carborundum furnace, by W. D. Bancroft, L. V. Walker, and C. F. Miller. (Same, xxl (1912), 19.)

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APPENDIX
TO THE
REPORT OF THE LIBRARIAN

1912-1913

LIST OF DONORS OF BOOKS TO THE UNIVERSITY LIBRARY,
INCLUDING THE SPECIAL LIBRARIES

VOLS.		VOLS.
Abbott, C. C.....	1	American Society for Judicial Settlement of International Disputes
Academia Scientiarum Imperialis, St. Petersburg.....	2	1
Adams, A. G.....	1	American Society of Civil Engineers.....
Adams, J. Q.....	7	3
Adelaide University.....	1	American Society of Heating and Ventilating Engineers.....
Agassiz Association.....	1	2
Alabama—State Departments.....	2	American Society of Mechanical Engineers
Alabama State Bar Association.....	1	1
Albee, F. H.....	1	American Vanadium Co.....
Albert I., Prince of Monaco.....	2	American Water Works Association
Alexander, C. P.....	3	1
Allen, T. E.....	1	Andrews, W. J.....
Alliance Française.....	1	2
American Association for International Conciliation.....	1	Anonymous
American Bankers' Association.....	2	25
American Bar Association.....	1	Apcar, Mrs. D. A.....
American Esperantist Co.....	1	2
American Gas Institute.....	1	Arabian Horse Club of America
American Hampshire Sheep Association	1	1
American Institute of Architects..	2	Asiatic Society of Bengal.....
American Institute of Mining Engineers.....	1	Associated Advertising Clubs of America
American Irish Historical Society	2	2
American Iron and Steel Institute	1	Association of Civil Engineers of Cornell University.....
American Laryngological Association	2	8
American Laryngological, Rhinological and Otological Society..	1	Association of Collegiate Alumnae
American Law Book Co.....	1	Association of Life Insurance Medical Directors.....
American Medico-Psychological Association	1	2
American Poland China Record Association	2	Associazione Elettrotecnica Italiana
American Scenic and Historic Preservation Society.....	2	1
American Shropshire Association	1	Athens University.....
		3
		Atlantic Deeper Waterways Association
		1
		Austen, W.....
		1
		Australia—Government Offices
		18
		Avery, E. M.....
		1
		Ayrshire Cattle Herd Society
		3
		Babcock, C.....
		3
		Bache, L. S.....
		1
		Bagg, E.....
		1
		Bailey, E. J.....
		25
		Bailey, L. H.....
		3

Balch, T. W.	2	Cleveland Public Library	I
Ballou, Miss S. H.	1	Clydesdale Horse Society	I
Banks, S. E.	1	Cohnstaedt, L.	I
Barton, S. E.	1	Coimbra University	I
Bellows, H. P.	1	Colorado—State Departments	3
Bement, L. C.	1	Columbia University	3
Berlin—Königliche Bibliothek	2	Commercial Club of Chicago	I
Berlin University	29	Commercial Museum	I
Biological Society of Cornell University		Comstock, J. H.	I
Blair, J. H.	1	Connecticut—State Departments	14
Bodleian Library	13	Continental and Commercial National Bank of Chicago	I
Bogert, G. G.	1	Continental Dorset Club	I
Bonsteel, J. A.	1	Cook, M. T.	I
Boring, E. G.	1	Cooper, L.	3
Boston—City Offices	6	Copenhagen—Royal Library	2
Boston Browning Society	1	Cornell Prohibition League	13
Bostwick, C. D.	1	Cornell University—Colleges and Departments	326
Bourland, A. P.	2	Corson, E. R.	I
Bourne, J.	2	Coutts, J.	I
Bowditch, V. Y.	2	Coville, L.	22
Branner, J. C.	2	Craig, A.	I
Breslau University	1	Crane, T. F.	20
Bretz, J. P.	5	Crapo, H. H.	2
Bristol, G. P.	1	Crosby, C. R.	5
British Columbia — Government Printer	1	Cuarto Congreso Científico	4
British Guiana — Government Offices	1	Cuba—Government Offices	I
Brodie, Mrs. J. F.	1	Curtius, K.	I
Brown, W. E.	1	Danton, G. H.	I
Brown University	1	Davidsen, H.	2
Brücke, (Die)	1	De Garmo, C.	I
Bryn Mawr College	1	Delaware State Society of the Cincinnati	I
Buchanan, J. Y.	1	Democratic National Committee	I
Bureau of Railway Economics	1	DeVries, T.	I
Burr, G. L.	50	Doubleday, Page & Co.	I
Business Man's Publishing Co.	1	Dresbach, M.	I
Cahn, A. E.	1	Dublin University	4
California—State Departments	2	Dugan, R. S.	I
Cambridge, Mass.—City Offices	1	Du Pont de Nemours (E. J.) Powder Co.	3
Canada—Government Offices	52	Durand, A. C.	2
Carnegie Endowment for International Peace	4	Durham, C. L.	3
Carnegie Institution of Washington	24	Durning-Lawrence, Sir E.	I
Carpenter, R. C.	3	Dutcher, G. M.	I
Catterall, Mrs. R. C. H.	1	Dwight, J. W.	8
Caudell, A. N.	1	Edinburgh University	I
Central Conference of American Rabbis	1	Edison Storage Battery Co.	I
Chambers, J.	1	Eggleston, W. G.	I
Chicago—City Offices	9	Erlangen University	27
Chicago Academy of Sciences	4	Eschenbrenner, Miss R. C.	2
Chicago Pathological Society	1	Fagundes, A. A.	I
Childs, J. L.	1	Faust, A. B.	2
Chili—Government Offices	1	Felt, E. P.	I
Clark, H. W.	1	Field Museum of Natural History	3
Clark University	2	Financial Review of Reviews	3
Cleveland Chamber of Commerce.	1	Finch Collection	373
	1	Fish, P. A.	I
	1	Fitch, W.	2

Flint, A.		Hortay Pardo, C. de	2
Fordham, H. G.		Houghton, Mifflin Co.	1
Forest Research Institute		Hourwich, I. A.	1
Formosan Government		Howland, Mrs. H. M.	2
Foerster, R. F.		Hoy, D. F.	10
Fort Wayne, Ind.—City Offices		Hull, C. H.	35
Foulke, W. D.		Huntington, A. M.	1
Freiburg University		Hyde, J.	9
Friends' General Conference		Hyde, W. W.	3
Funkhouser, W. D.		Illinois—State Departments	8
Furlong, C. W.		Illinois Bar Association	3
Gage, S. H.		Illinois State Historical Library	4
Garrett Biblical Institute		Illinois Voters' League	1
Gehring, A.		Illuminating Engineering Society	1
George Junior Republic Association		India—Government Offices	9
Georgia—State Departments		Indiana State Bar Association	1
Germanistic Society of America		Ingersoll, Miss E. S.	1
Gifford, J.		Institute International de Statistique	3
Glasgow Iron Co.		Institution of Civil Engineers	1
Glasgow University		Institution of Mechanical Engineers	5
Gloucester, Mass.—City Offices		Inter-Collegiate Association of Amateur Athletes of America	1
Goodbread, D.		International Congress of Americanists	2
Gospel Trumpet Co.	3	International Railway Congress	1
Göttingen University	18	International Textbook Co.	6
Grand Rapids, Mich.—City Offices	3	Iowa—State Departments	5
Great Britain — Government Offices	244	Iowa State Horticultural Society	3
Green, S. A.	1	Irvine, F.	1
Greeno, F. L.	2	Italy—Government Offices	4
Griffis, W. E.	92	Jahr, T.	1
Griswold, H. D.	2	Janet, C.	1
Groat, G. G.	1	Japan—Government Offices	2
Groningen University	3	Jenks, J. W.	40
Grönland — Kommissionen for Ledelsen	7	John Rylands Library	1
Gwyer, F. W.	1	Johns Hopkins University	1
Gwyther, R. F.	1	Johnston, J. N.	1
Hakluyt Society	1	Jones, F. A.	1
Halle University	19	Jones, T. S.	2
Hamilton, G. L.	3	Jordan, E.	1
Hampden-Sidney College	1	Kahn, M.	1
Hampshire Down Sheep Breeders' Association	2	Kansas—State Departments	5
Harper, M. W.	2	Kansas City—City Offices	1
Harris, G. W.	50	Kansas State Historical Society	1
Hart, J. M.	82	Karapetoff, V.	14
Hartford, Conn.—City Offices	1	Karlsruhe—Technische Hochschule	2
Harvard University	7	Kellogg, R. J.	1
Hastings, T. W.	1	Kemmerer, E. W.	1
Hayes, A.	1	Kent or Romney Marsh Sheep Breeders' Association	1
Hayes, Mrs. A.	5	Kentucky Bar Association	1
Haynes, I. S.	4	Kerr, A. C.	1
Hesse, B. C.	1	Kiel University	8
Hewett, W. T.	90	Knight, C. F.	1
Hewson, H. M.	1	Kongliga Svenska Vetenskaps Akademien, Stockholm	3
Hitchcock, C. C.	1	Königlich-Bayerische Hof- und Staats-Bibliothek	2
Hittell, J. B.	4	Königsberg University	8
Holstein-Friesian Association			
Hooker Electrochemical Co.			

Korea—Government Offices.....	I	Municipal School of Technology,
Kyoto University	2	Manchester
Langdon, Miss I.	I	Murray, D.
Lansel, P.	I	Museo Nacional de Buenos Aires.
Lansing, R.	I	Nammack, C. E.
Lawry, R. C.	I	Nasmyth, G. W.
Legal Intelligencer	I	National Academy of Sciences....
Leland Stanford Junior University	I	National Association of State Universities
Leverty, A. S.	I	National Association of Wool Manufacturers
Lieder, F. W. C.	I	National College Equal Suffrage League
Lincolnshire Curly-Coated Pig Breeders' Association.....	I	National Economic League.....
Lippert, G.	I	National Educational Association.
Littleton, Mrs. M. W.	2	Natural Ice Association of America
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McCoy, L. H.	6	New York University.....
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Maury, Miss C. J.	5	Nova Scotia—King's Printer.....
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Merck & Co.	I	Nutting, G. H.
Merritt Hydraulics Co.	7	Ohio—State Departments.....
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Mills, L. H.	3	Ohio State University.....
Minnesota—State Departments..	I	Oklahoma—State Departments..
Minnesota Historical Society.....	2	Oliver, Mrs. J. E.
Mississippi—State Departments..	I	Olmstead, A. T.
Missouri—State Departments.....	4	Olmsted, E. W.
Missouri Botanical Garden.....	5	Ontario—King's Printer.....
Missouri State Bar Association..	I	Oregon—State Departments.....
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Moffat, R. B.	I	
Monroe, B. S.	4	
Moore, V. A.	5	
Morgan, J. P.	I	
Morgan, J. P. & Co.	I	
Mulford, W.	I	

Orleans, Duc d'	3	Royal Institute of British Architects
Orndorff, W. R.	1	Royal Society of London
Otago University Museum	1	Rural Publishing Co.
Oxford Down Sheep Breeders' Association	1	Russell, F. F.
Oxford Historical Society	1	Russia—Comité Géologique
Pan American Union	3	Saby, R. S.
Parvin, N. R.	2	St. Andrews University
Pennock, C. J.	1	St. John, T. M.
Pennsylvania—State Departments	30	St. Louis—City Offices
Pennsylvania Chestnut Blight Conference	1	Santiago, Chili — Biblioteca Nacional
Pennsylvania State College	1	Saskatchewan—King's Printer
Percheron Society of America	1	Sawyer, Mrs. M. C.
Pérez, C.	1	Schlapp, M. G.
Perkins, G. C.	1	Schmidt, N.
Perkins Institution	1	Schurman, J. G.
Peru—Government Offices	3	Shepard Book Co.
Peters, H. C.	5	Shufeldt, R. W.
Phi Beta Kappa Fraternity	1	Sibley, Mrs. H. O.
Phi Delta Phi Fraternity	2	Silverman, A.
Philadelphia—City Offices	3	Silvestri-Falconieri, F. di
Philadelphia Commercial Museum	1	Snyder, V.
Philes, E. J.	2	Sociedad Cientifica Argentina
Philippine Islands—Government Offices	3	Society for the Preservation of Scenic and Historic Places
Philosophical Review	31	South Africa—Government Printer
Pittsburgh—City Offices	1	South Australia — Government Offices
Pleydell, A. C.	2	South Carolina—State Departments
Pope, P. R.	1	Springfield, Mass.—City Offices
Porter, E. H.	3	Stagg, C. T.
Prange, Mrs. N. M. G.	1	Stahl, J. J.
Prescott, F. C.	1	Stanton, T.
Prince Edward Island—Government Offices	1	Stechert, G. E. & Co.
Princeton University	2	Stone & Webster
Prosser, C. S.	1	Strassburg University
Protestant Episcopal Church in U. S.—General Convention	2	Straus, Mrs. N.
Prudential Insurance Co. of America	2	Strong, A. H.
Queensland—Government Offices	4	Stuart-Howland Co.
Queensland Museum	1	Suffern & Son
Railway Club of Pittsburgh	3	Super, C. W.
Rankin, J. J.	40	Taubenhaus, J.
Rantoul, R. S.	1	Tennessee—State Departments
Rattermann, H. A.	1	Terquem, J. & Cie
Raymond, G. L.	1	Testimony Publishing Co.
Raymond, P. E.	2	Thelen, M.
Reading Iron Co.	1	Theological Seminary of the Presbyterian Church in U. S.
Reed, H. D.	1	Thompson, S.
Reed, R. R.	1	Thompson, W. G.
Rennes University	2	Thomson, J. M.
Rhode Island—State Departments	2	Titsworth, P. E.
Rich, J. L.	1	Tokyo University
Riegger, H. E.	1	Toulouse University
Ronald Press Co.	1	Trade Mark Record
Root, E.	5	Trelease, W.
Royal Academy, Stockholm	1	Turner, H. W.
	15	Udall, D. H.

Union Club.....	1	Virginia State Bar Association.....	1
Union League of Philadelphia.....	2	Von Engeln, O. D.....	2
United States — Government Offices	443	Wait, L. A.....	15
United States Brewers' Associa- tion	2	Walker, A. H.....	1
United States Mortgage & Trust Co	1	Warner, G. S.....	1
United States Trade Mark Asso- ciation	1	Warner, Mrs. L. B.....	46
Universidad de la Habana.....	1	Washburn, Miss M. F.....	1
Universidad de Santo Tomás.....	1	Washington—State Departments.....	1
University Club of New York City.....	1	Wason, C. W.....	7
University of Chicago.....	10	Weatherly, U. S.....	1
University of Cincinnati.....	1	Wellcome Chemical Research Laboratories.....	3
University of Illinois.....	8	West Virginia—State Departments.....	1
University of Liverpool.....	1	West Virginia Bar Association.....	1
University of Manchester.....	1	Western Australia—Government Offices	286
University of Michigan.....	9	Whaling, Mrs. L. L. O.....	1
University of Minnesota.....	3	White, A. C.....	3
University of North Carolina.....	1	White, A. D.....	1
University of Pennsylvania.....	2	White, W. A.....	1
University of Pittsburgh.....	1	Whitfield, E. W.....	1
University of Sidney.....	1	Wilder, B. G.....	1
University of Toronto.....	3	Willcox, W. F.....	135
University of Washington.....	1	Williams, H. S.....	1
University of West Virginia.....	1	Williams College.....	1
University of Wisconsin.....	1	Wisconsin—State Departments.....	10
University Society.....	1	Wisconsin Archaeological Society.....	1
Upsala University.....	5	Wisconsin State Historical Society.....	4
Uruguay—Government Offices.....	4	Wistar Institute.....	1
Van Hise, C. W.....	1	Wolf, C. G. L.....	1
Vedanta Centre.....	1	Woodruff, E. H.....	71
Vermont—State Departments.....	2	World Peace Foundation.....	2
Victoria—Government Offices.....	1	Wright, A. H.....	3
Virginia—State Departments.....	5	Wright, B. C.....	1
		Wright, E. D.....	1
		Yale University.....	12

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Agricultural Journal of India	American University Courier
Agricultural Journal of the Union of South Africa	Architectural Quarterly of Harvard University
Alpha Phi Quarterly	Archivio Bibliographico (Coimbra)
Ambition	Art Institute of Chicago—Bulletin
American Cultivator	Association for International Concilia- tion—Documents
American Economist	Atlantic Deeper Waterways Associa- tion—Bulletin
American Federationist	Auburn Seminary Record
American Institute of Architects— Journal	Banking Reform
American Iron and Steel Institute— Monthly Bulletin	Barge Canal Bulletin
American Medicine	Better Fruit
American Mining Congress—Monthly Bulletin	Bollettino delle Pubblicazione Italiane
American School of Home Economics— Bulletin	Book News Monthly
American Society of Civil Engineers— Proceedings	Boston Museum of Fine Arts—Bulletin
	Brown Alumni Monthly
	Buffalo Live Wire
	Buffalo Medical Journal

Canadian Society of Civil Engineers— Bulletin	Imperial Review
Canadian Society of Civil Engineers— Transactions	Indian Textile Journal
Canal Record	Indian's Friend
Carlisle Arrow	Industrial World
Cassier's Magazine	Institution Quarterly
Catholic University Bulletin	Investments
Cement Era	Ithaca Daily Journal
Central Station	Ithaca Daily News
Chautauquan	Journal of Ophthalmology, Otology and Laryngology
Chief	Journal of Physical Chemistry
Chinese Students' Monthly	Journal of Zoophily
Christian Register	Kansas Farmer
Civics and Commerce	Kansas Industrialist
Clarkson Bulletin	Labour Gazette (Canada)
Collector	Lilly Scientific Bulletin
Collegian and Progress of India	Literary Guide
Columbia University Quarterly	Locomotive
Conservator	Maha-Bodhi and United Buddhist World
Cornell Alumni News	Maryland Quarterly
Cornell Civil Engineer	Medical Times
Cornell Countryman	Military Surgeon
Cornell Daily Sun	Missionary Herald
Cornell Era	Missionary Link
Cornell Summer Daily	Monthly Cyclopaedia and Medical Bulletin
Cornell University Association of Chicago—Bulletin	Motor Age
Cosmopolitan Student	National Farmer
Delta Chi Quarterly	National Humane Review
Deutscher Pionier-Verein—Mitteilun- gen	National Nurseryman
Dietetic and Hygienic Gazette	Naturae Novitates
Dog Fancier	New Church Messenger
Droits de l' Homme	New Philosophy
Dyestuffs	New York Libraries
Edison Kinetogram	News Notes of California Libraries
Energy	Normal Instructor
English Mechanic and World of Science	Northwestern Miller
Everglade Magazine	Oriental Review
Farmer and Breeder	Our Dumb Animals
Farmers' Review	Paix par le Droit
Flying	Penn Germania
Forest Leaves	Pennsylvania Health Bulletin
Forestry Quarterly	Pennsylvania Magazine of History and Biography
Frankfurter Bücherfreund	Peru To-Day
Friends' Intelligencer	Philippine Agricultural Review
Gas Age	Philosophical Review
Gas Industry	Positivists Review
Geographical Society of Philadelphia— Bulletin	Posselt's Textile Journal
Gleanings in Bee Culture	Practical Engineer
Good Government	Progress
Guernsey Breeders Journal	Red Man
Hartford Seminary Record	Remington Notes
Harvard Theological Review	Representation (London)
Historical Journal of the Moore Family	Resources of Tennessee
Horseless Age	Revista Technológico Industrial
Ideal Power	Revue de Hongrie
Illinois State Historical Society— Journal	Revue Universitaire
	Roman Mail

Royal Institute of British Architects—	Theosophical Quarterly
Journal	Union Nouvelle
Sanidad y Beneficencia	Unity
School	University Chronicle (University of California)
Science Bulletin (University of Kansas)	University of Chicago Magazine
Science Journal (Tokyo University)	University of North Dakota—Quarterly Journal
Seventh Regiment Gazette	Vedanta Monthly
Shoe Workers' Journal	Veteran Preacher
Short Ballot Bulletin	Washington Historical Quarterly
Sibley Journal of Engineering	Washington University Record
Snap Shots	Widow
Southern Orchards and Farms	Wilson Bulletin
Submarine Signal Bulletin	World's Chinese Students' Journal
Swine Breeders' Journal	World
Tammany Times	
Technology Review	

